

Message

From: Strynar, Mark [Strynar.Mark@epa.gov]
Sent: 4/16/2020 12:49:28 PM
To: [REDACTED]
Subject: Re: Cape Fear question coming out of the blue _UPDATE
Attachments: [REDACTED]

[REDACTED]

My first assessment for samples taken from the Cape Fear river seems accurate with respect to the HFPO-TA. These samples were taken in 2017 to 2018 in concert with the state of North Carolina's DEQ. They were to assess PFAS in the finished drinking water derived from downstream of the Chemours facility.

[REDACTED]

2. In addition we have samples from 10-5-17 where NC DEQ went on the facility to take samples and from 8-10-17 where we received on site Chemours monitoring well samples. Both of these sample sets do show CLEAR evidence of spectral peaks that ARE consistent with the presence of the HFPO-TA. As I have not confirmed this with a standard it can not be said for sure.

3. [REDACTED] the other PFAS we were seeing in the water samples.

Here is my line of evidence to support this:

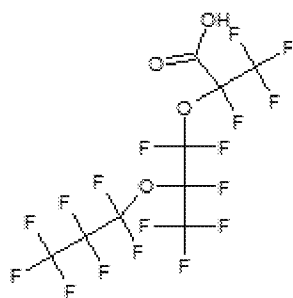
1. [REDACTED]
[REDACTED] strong evidence to support the HFPO-TA when all three are taken together.

2. The retention time of the peak is consistent with being HFPO-TA [REDACTED]
[REDACTED]

3. Experience as to how these PFAS behave in the MS. The fragments we see and how they dimerize in
[REDACTED]

This info may/maynot be in your wheel house. I am glad to call and have a chat to walk you through this today any time before 4:30 PM. IN case you cant open Chemscketch files here it is below as an image.

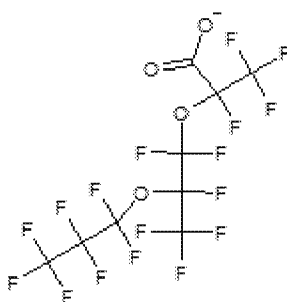
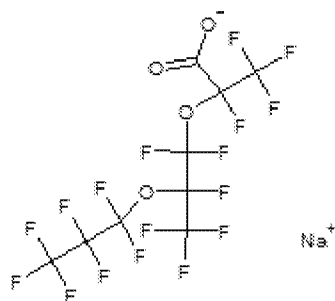
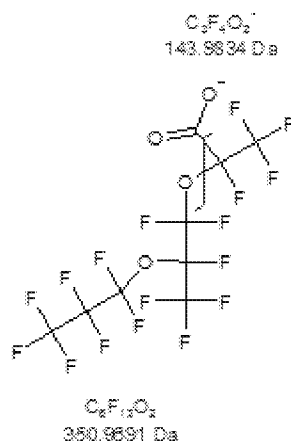
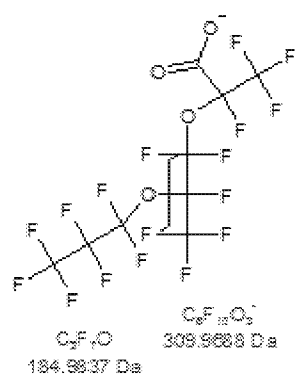
Mark



HFPO-TA CAS 13252-14-7
<https://comptox.epa.gov/dashboard/dsstoxdb/results?search=DTXSID00892442>

Molecular Formula: $C_9HF_{17}O_4$
 Monoisotopic Mass: 495.950338 Da
 $[M-H]^-$: 494.953081 Da

Likely MS fragmentation points



H^+ dimer
 Monoisotopic Mass: 990.91369 Da

Na^+ dimer
 Monoisotopic Mass: 1012.896344 Da

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Ex. 6 Personal Privacy (PP)

From: [REDACTED]
 Sent: Wednesday, April 15, 2020 10:06 PM

ED_005565_00004200-00002

To: Strynar, Mark <Strynar.Mark@epa.gov>

Subject: RE: Cape Fear question coming out of the blue

Enforcement Sensitive. FOIA Exempt. DO not release under FOIA

CC: Mark

Ex. 7(A)

Best,

[REDACTED]

Waste and Chemical Enforcement Division

WJC South 1200 Pennsylvania Ave. NW

[REDACTED], Mail Code 2249A

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[REDACTED]